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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/709,068	11/09/2000	Roe-Kwan Kim	5000-1-146	3555

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EXAMINER

AFSHAR, KAMRAN

ART UNIT	PAPER NUMBER
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2681

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DATE MAILED: 07/27/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/709,068

Applicant(s)

KIM, ROE-KWAN

Examiner

Kamran Afshar, 703-305-7373

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 May 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION***Response to Arguments***

1. Applicant's arguments filed 5/24/2004 have been fully considered but they are not persuasive.

In response to applicant's argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies (i.e. receiving end and / or calling end, determining the call is a forwarding call). Examiner very kindly directs the Applicant to Co. 3, Lines 26 to Co. 4, Line 37, as Roberts discloses the steps determining (i.e. active, inactive, access denied / call rejection, call forwarding / routing calls to 3Rd number, another number, to voice mail etc. The SCP 460 determines call routing; call forwarding steps and more in a bi-directional communications (i.e. receiving end and / or calling end). With to claim 3, Application argues that Rao fails to disclose i.e. selectively establishing call connection to another number. Examiner very kindly directs the Applicant to Co. 1, Lines 53-60, as Rao discloses a selective call forwarding service to another number as provisioned (e.g. pre-programmed, programmed, etc.) by the subscriber (e.g. the receiving end, the called party, etc.) Therefore, the previous rejection is maintained.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-14 are rejected under 35 U.S.C. 102(b) as being anticipated by Roberts (U.S. Patent 6,208,854 B1).

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With respect to claims 1, 3, Roberts discloses a method for processing a call connection at a calling / a receiving end in a telecommunication network having a call forwarding service (i.e. call routing service) (See e.g. Title, Abstract, Co. 1, Line 64 – Co. 2, Line 4), instructing (i.e. programming), at calling end, whether to establishing / to accepting a call connection when an originating call is routed to a new number through call forwarding / routing service; determining whether a message indicating (See e.g. Co. 5, Lines 6 29) that originating call from calling end is routed to new (i.e. other or another or called party's) number (See e.g. Co. 2, Lines 15-31); and selectively establishing / accepting call connection to new number if calling end is instructed (i.e. programmed) to establish / to accept call connection through call forwarding service (See e.g. Co. 2, Lines 32-47, Co. 3, line 27 – Co. 4, Line 37, Figs 2-3 & 5).

Regarding claim 2, Roberts teaches the message is a facility message transmitted from network to calling end (See e.g. Co. 3, Lines 40-57).

Regarding claim 4, Roberts teaches determining whether incoming call is forwarded call is determined based on a message transmitted from network (See e.g. Co. 3, Lines 40-57).

With respect to claims 5, 8, Roberts discloses a method for establishing a call connection between a calling (i.e. originating) terminal and a receiving terminal in a telecommunication network having a call forwarding service (i.e. call routing service) (See e.g. Title, Abstract, Co. 1, Line 64 – Co. 2, Line 4), pre-programming (i.e. instructing or programming) each terminal (landline or wireless device) of network to accept or refuse call connection performed through call forwarding service (See e.g. Co. 2, Lines 15-31); determining whether (See e.g. Co. 3, Lines 40 – 55) to establish call connection when calling terminal originates a call to receiving terminal through call forwarding service (See e.g. Co. 2, Lines 32-47); and establishing call connection between calling terminal and receiving terminal if calling terminal is pre-programmed to establish call connection through call forwarding service (See e.g. Co. 3, line 27 – Co. 4, Line 37 Figs 2-3 & 5).

Regarding claims 6, 9, Roberts teaches notifying calling (i.e. originating) terminal if call originated from calling terminal is routed to a new number through call forwarding service, and

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selectively establishing call connection by calling (i.e. originating) terminal (See e.g. Co. 5, Lines 6-29).

Regarding claims 7, 10, Roberts teaches call connection is selectively established to calling (i.e. originating) terminal upon receiving a voice command or the activation of a key pad of calling (i.e. originating) terminal (See e.g. Co. 5, Lines 6-29).

With respect to claim 11, Roberts discloses a method for establishing a call connection in a telecommunication network equipped with a call forwarding service (i.e. call routing service) (See e.g. Title, Abstract, Co. 1, Line 64 – Co. 2, Line 4), determining whether an originating call from a calling subscriber (See e.g. 210 of Fig. 2) to an intended subscriber (See e.g. 220 and/or 230 of Fig. 2) is routed to a terminating subscriber (See e.g. 220 and/or 230 of Fig. 2) through call forwarding service; determining whether calling subscriber and terminating subscriber are pre-programmed to establish call connection when originating call is routed to terminating subscriber through call forwarding service (See e.g. Co. 2, Lines 15-31); and selectively establishing call connection if said calling subscriber and terminating subscriber are pre-programmed for call connection when originating call is routed to terminating subscriber through call forwarding service (See e.g. Co. 2, Lines 32-47, Co. 3, line 27 – Co. 4, Line 37 Figs 2-3 & 5).

Regarding claim 12, Roberts teaches call connection is not established if calling subscriber and terminating subscriber are not pre-programmed for call connection through call forwarding service (See e.g. Co. 4, Lines 24-420).

Regarding claim 13, Roberts teaches notifying calling subscriber and terminating subscriber when originating call is routed to terminating subscriber through call forwarding service, and selectively establishing call connection by calling subscriber and terminating subscriber (See e.g. Co. 5, Lines 6-29).

Regarding claim 14, Roberts teaches call connection is selectively established to calling subscriber and terminating subscriber in response to a voice command or a key pad activation of said calling terminal (See e.g. Co. 5, Lines 6-29).

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4. Claims 1-4 are rejected under 35 U.S.C. 102(b) as being anticipated by Rao (U.S. Patent 5,583,564).

With respect to claims 1, 3, Rao discloses a method for processing a call connection at a calling / a receiving end in a telecommunication network having a call forwarding service (See e.g. Title, Abstract), instructing, at calling end, whether to establishing / to accepting a call connection when an originating call is routed to a new number through call forwarding service (See e.g. Co. 1, Lines 53-63); determining whether a message indicating that originating call from calling end is routed to new number (See e.g. Co. 1, Lines 50-63); and selectively establishing / accepting call connection to new number if calling end is instructed to establish / to accept call connection through call forwarding service (See e.g. Co. 2, Lines 29-41 & 53-61).

Regarding claim 2, Rao teaches the message is a facility message transmitted from network to calling end (See e.g. Co. 2, Lines 29-41 & 53-61).

Regarding claim 4, Rao teaches determining whether incoming call is forwarded call is determined based on a message transmitted from network (See e.g. Co. 2, Lines 29-41 & 53-61).

Conclusion

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

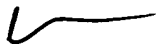
A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communication from the examiner should be directed to Kamran Afshar whose telephone number is (703) 305-7373. The examiner can be reached on Monday-Friday.

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If attempts to reach the examiner by the telephone are unsuccessful, the examiner's supervisor, David Hudspeth can be reached @ (703) 308-4825. The fax number for the organization where this application or proceeding is assigned is (703) 872-9306 for all communications.


Kamran Afshar


**DAVID HUDSPETH
SUPERVISORY PATENT EXAMINER
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